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#### IN THE CLAIMS:

1. (Previously presented) A medical device for long-term implantation comprising:

a reservoir comprising (a) a polymer matrix and (b) an antimicrobial agent disposed within said polymer matrix, said reservoir adapted for long-term release of said antimicrobial agent from said polymer matrix; and

a surfactant region comprising a surfactant, said surfactant region disposed over said reservoir at an outer surface of said medical device,

wherein said medical device is a urine contacting device adapted for long-term implantation within the body of a patient.

# 2. (Previously presented)

A medical device for long-term implantation comprising:

a reservoir comprising (a) a polymer matrix and (b) an antimicrobial agent disposed within said polymer matrix, said reservoir adapted for long-term release of said antimicrobial agent from said polymer matrix; and

a surfactant region comprising a biosurfactant, said surfactant region disposed over said reservoir at an outer surface of said medical device,

wherein said medical device is adapted for long-term implantation within the body of a patient.

- 3. (Original) The medical device of claim 2, wherein said biosurfactant is selected from glycolipids, lipopeptides, depsipeptides, phospholipids, substituted fatty acids, and lipopolysaccharides.
- 4. (Original) The medical device of claim 2, wherein said biosurfactant is selected from surfactin, surfactin, visconsin and rhamnolipids.
- 5. (Original) The medical device of claim 1, wherein said surfactant is a surfactant polymer.

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6. (Previously presented) The medical device of claim 5, wherein said surfactant polymer is a surfactant polymer having a poly(vinyl amine) backbone and having hydrophilic poly(ethylene oxide) and hydrophobic hexanal side chains.

## 7. (Previously presented)

A medical device for long-term implantation comprising:

a reservoir comprising (a) a polymer matrix and (b) an antimicrobial agent disposed within said polymer matrix, said reservoir adapted for long-term release of said antimicrobial agent from said polymer matrix; and

a surfactant region comprising a surfactant, said surfactant region disposed over said reservoir at an outer surface of said medical device,

wherein said medical device is adapted for long-term implantation within the body of a patient, and

wherein said surfactant is linked to said outer surface by one or more interactions selected from hydrophobic interactions, ionic interactions and covalent interactions.

- 8. (Previously presented) A medical device for long-term implantation comprising: (1) a reservoir comprising (a) a polymer matrix and (b) an antimicrobial agent disposed within said polymer matrix, said reservoir adapted for long-term release of said antimicrobial agent from said polymer matrix; and (2) a surfactant region comprising a surfactant, said surfactant region disposed over said reservoir at an outer surface of said device, wherein said medical device is selected from a ureteral stent and a urethral catheter.
- 9. (Original) The medical device of claim 1, wherein said antimicrobial agent is selected from triclosan, chlorhexidine, silver sulfadiazine, silver ions, benzalkonium chloride and zinc pyrithione.
- 10. (Original) The medical device of claim 1, wherein said antimicrobial agent is a broad-spectrum antibiotic.



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- 11. (Original) The medical device of claim 1, wherein said antimicrobial agent is an antiseptic agent.
- 12. (Previously presented) The medical device of claim 11, wherein said antiseptic agent is iodine.
- 13. (Previously presented) A medical device for long-term implantation comprising: (1) a reservoir comprising (a) a polymer matrix and (b) an antimicrobial agent disposed within said polymer matrix, said reservoir adapted for long-term release of said antimicrobial agent from said polymer matrix; (2) a surfactant region comprising a surfactant, said surfactant region disposed over said reservoir at an outer surface of said device; and (3) a barrier layer disposed between said polymer matrix and said surfactant region.
- 14. (Previously presented) A medical device for long-term implantation comprising: (1) a reservoir comprising (a) a polymer matrix comprising a polymer selected from an ethylene-vinyl acetate copolymer and a polyurethane and (b) an antimicrobial agent disposed within said polymer matrix, said reservoir adapted for long-term release of said antimicrobial agent from said polymer matrix; and (2) a surfactant region comprising a surfactant, said surfactant region disposed over said reservoir at an outer surface of said device.
- 15. (Currently amended) A method of treatment comprising:

providing a urine contacting medical device, said urine contacting medical device comprising (a) a reservoir comprising a polymer matrix portion and an antimicrobial agent disposed within said polymer matrix portion, said reservoir adapted for long-term release of said antimicrobial agent from said polymer matrix and (b) a surfactant region comprising a surfactant, said surfactant region disposed over said reservoir at an outer surface of said device; and

implanting said urine contacting medical device within the body of a patient for a period of at least three months.

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- 16. (Original) The method of claim 15, wherein said surfactant is a biosurfactant.
- 17. (Original) The method of claim 15, wherein said surfactant is a surfactant polymer.
- 18. (Canceled)
- 19. (Original) The method of claim 15, wherein said polymer matrix comprises a polymer selected from an ethylene-vinyl acetate copolymer and a polyurethane.
- 20. (Canceled)
- 21. (Currently amended) A method of constructing a medical device comprising: forming a reservoir comprising (a) a polymer matrix portion and (b) an antimicrobial agent disposed within said polymer matrix portion, said reservoir adapted for long-term release of said antimicrobial agent from said polymer matrix; and

providing a surfactant region comprising a surfactant over said reservoir at an outer surface of said device,

wherein said medical device is a urine contacting device adapted for long-term implantation within the body of a patient.

### 22. (Currently amended)

A method of constructing a medical device comprising:

forming a reservoir comprising (a) a polymer matrix-pertion and (b) an antimicrobial agent disposed within said polymer matrix-pertion, said reservoir adapted for long-term release of said antimicrobial agent from said polymer matrix; and

providing a surfactant region comprising a surfactant over said reservoir at an outer surface of said device,

wherein said medical device is adapted for long-term implantation within the body of a patient,

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and wherein said antimicrobial agent is disposed within said polymer matrix at the time of formation of said polymer matrix.

- 23. (Original) The method of claim 22, wherein said antimicrobial agent is co-cast with said polymer matrix.
- 24. (Original) The method of claim 22, wherein said antimicrobial agent is co-extruded with said polymer matrix.
- 25. (Original) The method of claim 21, wherein said antimicrobial agent is provided within said polymer matrix by imbibing said antimicrobial agent into said polymer matrix.
- 26. (Original) The method of claim 21, wherein said surfactant is a biosurfactant.
- 27. (Original) The method of claim 21, wherein said surfactant is a surfactant polymer.
- 28. (Original) The method of claim 21, wherein said surfactant is covalently linked at said outer surface of said device.

### 29. (Currently amended)

A method of constructing a medical device comprising:

forming a reservoir comprising (a) a polymer matrix-portion and (b) an antimicrobial agent disposed within said polymer matrix-portion, said reservoir adapted for long-term release of said antimicrobial agent from said polymer matrix; and

providing a surfactant region comprising a surfactant over said reservoir at an outer surface of said device.

wherein said medical device is adapted for long-term implantation within the body of a patient,

and wherein said antimicrobial agent is selected from triclosan, chlorhexidine, silver sulfadiazine, silver ions, benzalkonium chloride and zinc pyrithione.



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## 30. (Canceled)

- 31. (Previously presented) The medical device of claim 7, wherein said medical device is a blood contacting medical device.
- 32. (Previously presented) The medical device of claim 1, wherein said medical device consists of an annular reservoir and an annular surfactant region disposed over an outer surface of said reservoir.
- 33. (New) The method of claim 15, wherein said medical device is selected from a ureteral stent and a urethral catheter.
- 34. (New) The medical device of claim 1, wherein said medical device comprises a reservoir that is not a coating layer on said medical device.
- 35. (New) The medical device of claim 1, wherein said reservoir is in the form of a tubular medical device component, and wherein said surfactant region is provided in the form of a layer disposed over said reservoir.
- 36. (New) The medical device of claim 35, wherein said tubular medical device component is selected from a stent body and a catheter tube.

